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Figure 1

General formula (A)

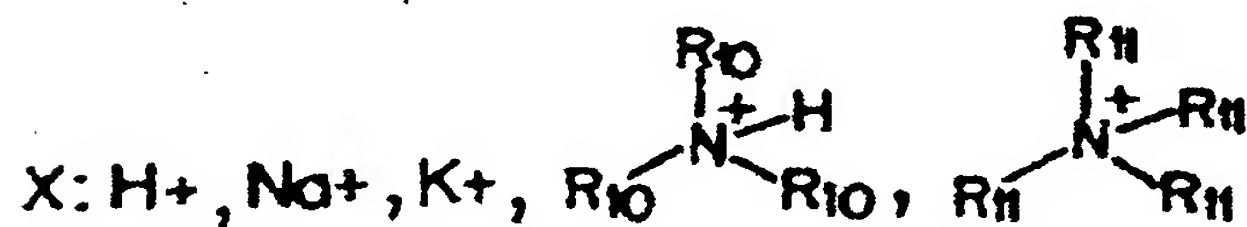
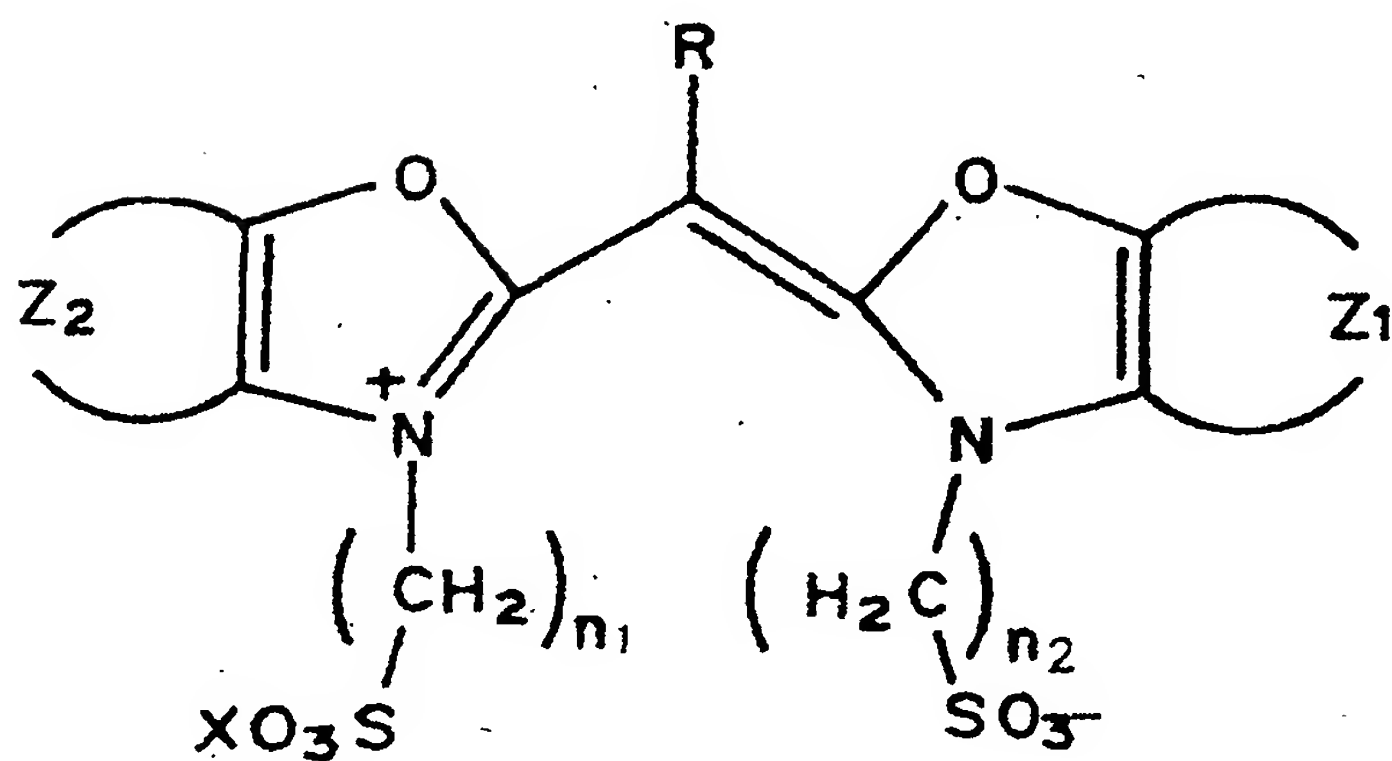
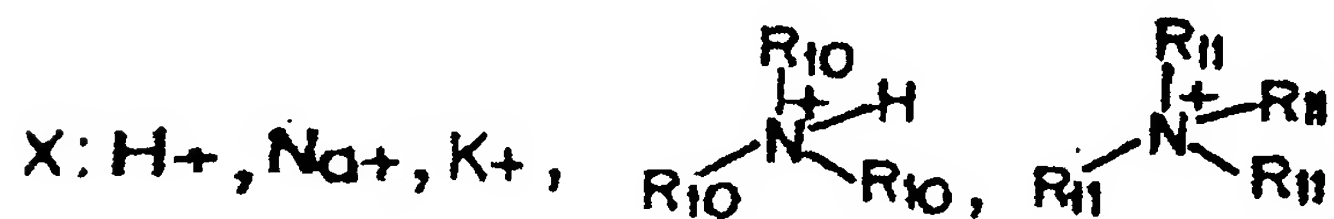
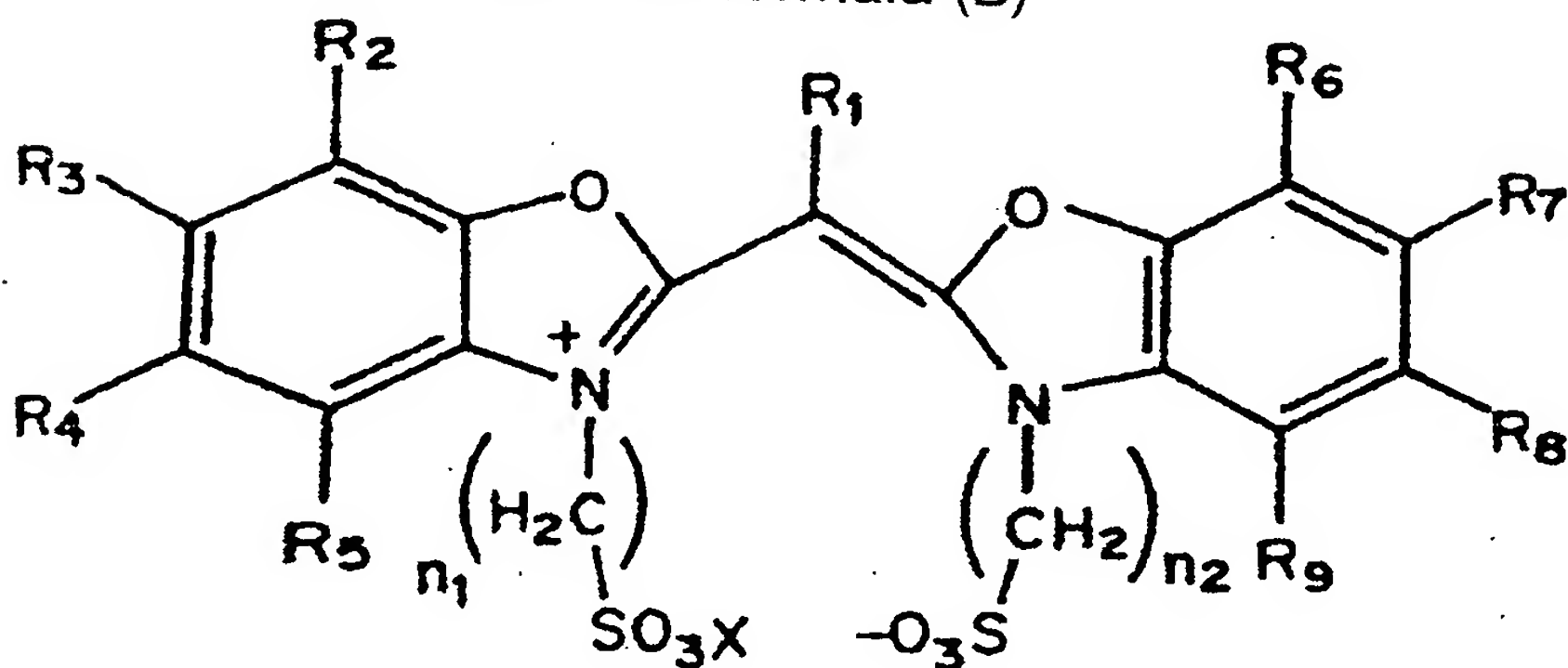


Figure 2

General formula (B)



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Figure 3

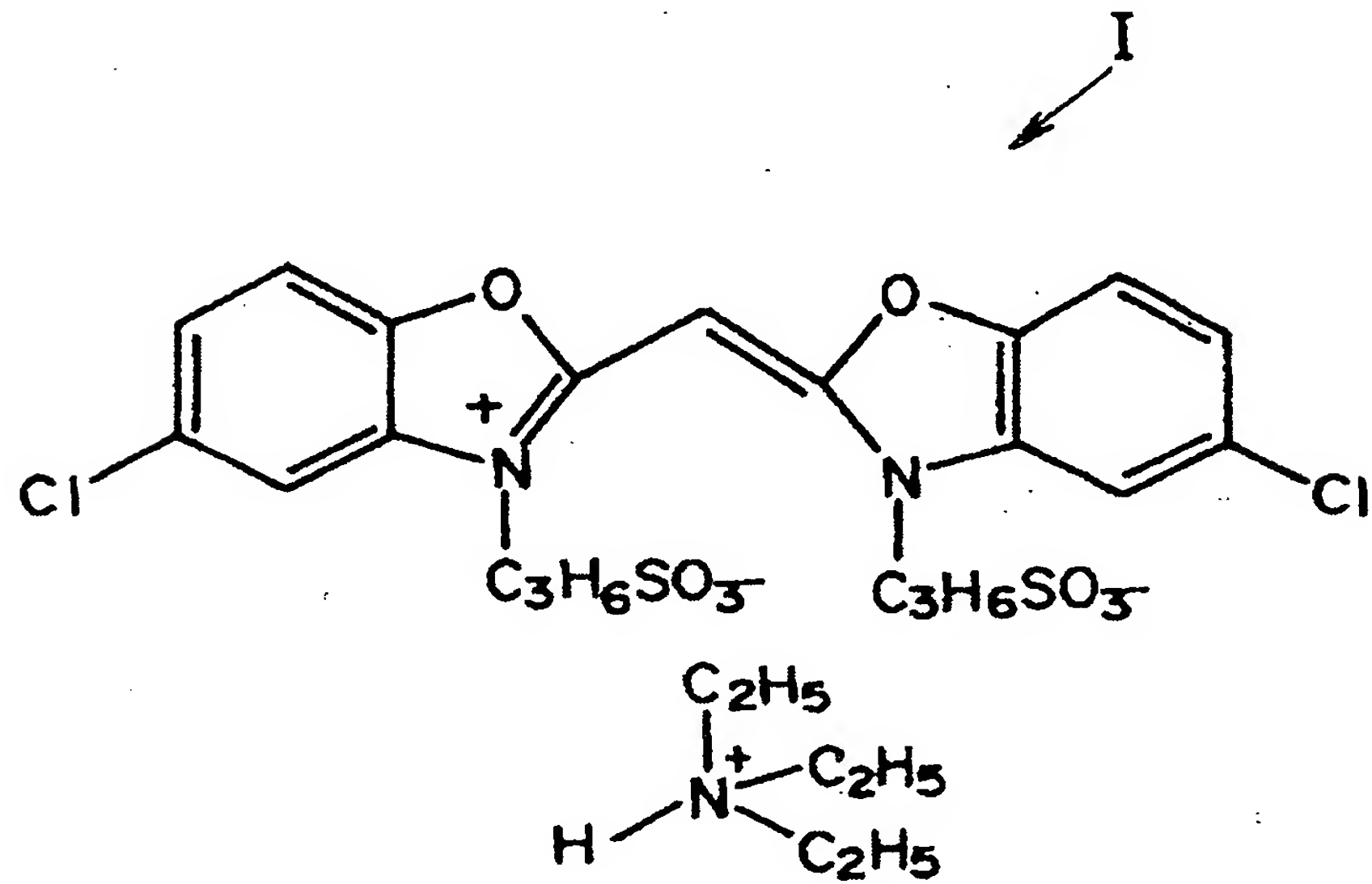
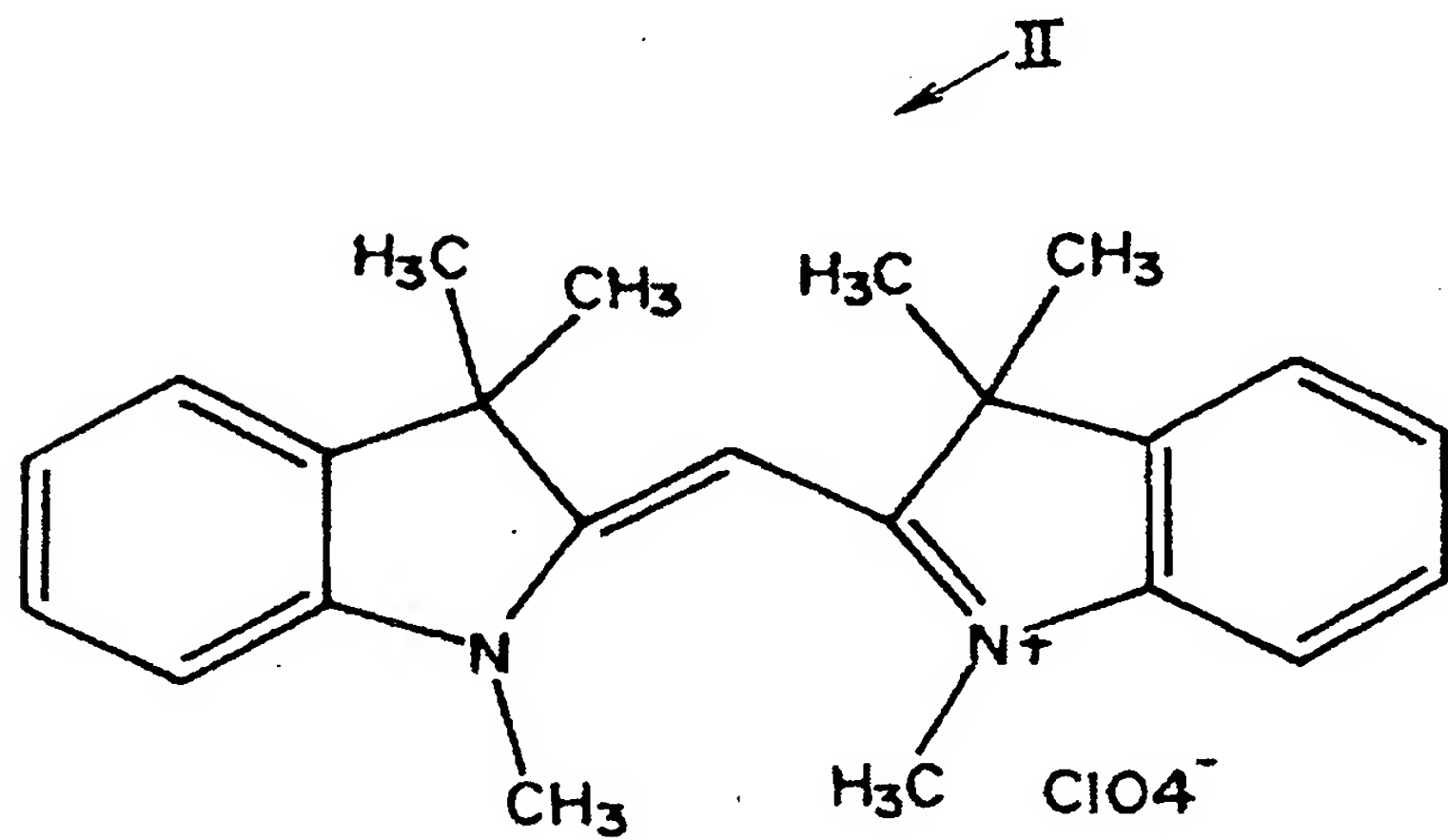


Figure 4



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Figure 5

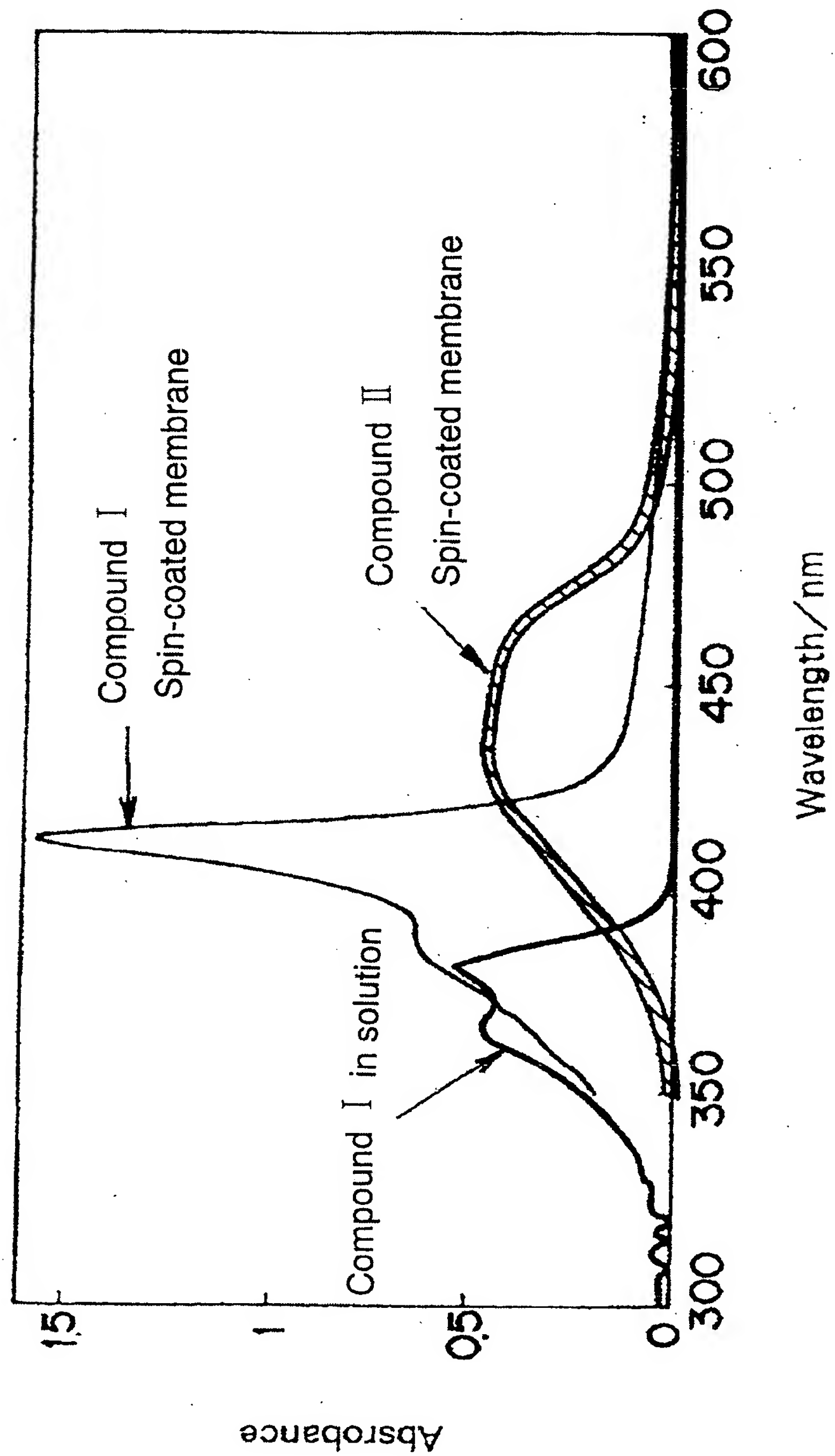


Figure 6

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Table 1

|                          | Refractive index / n<br>(at420nm) | Extinction coefficient / k<br>(at420nm) |
|--------------------------|-----------------------------------|---|
| Compound ( I ) membrane  | 2.91                              | 0.31                                    |
| Compound ( II ) membrane | 1.40                              | 0.4                                     |

Figure 7

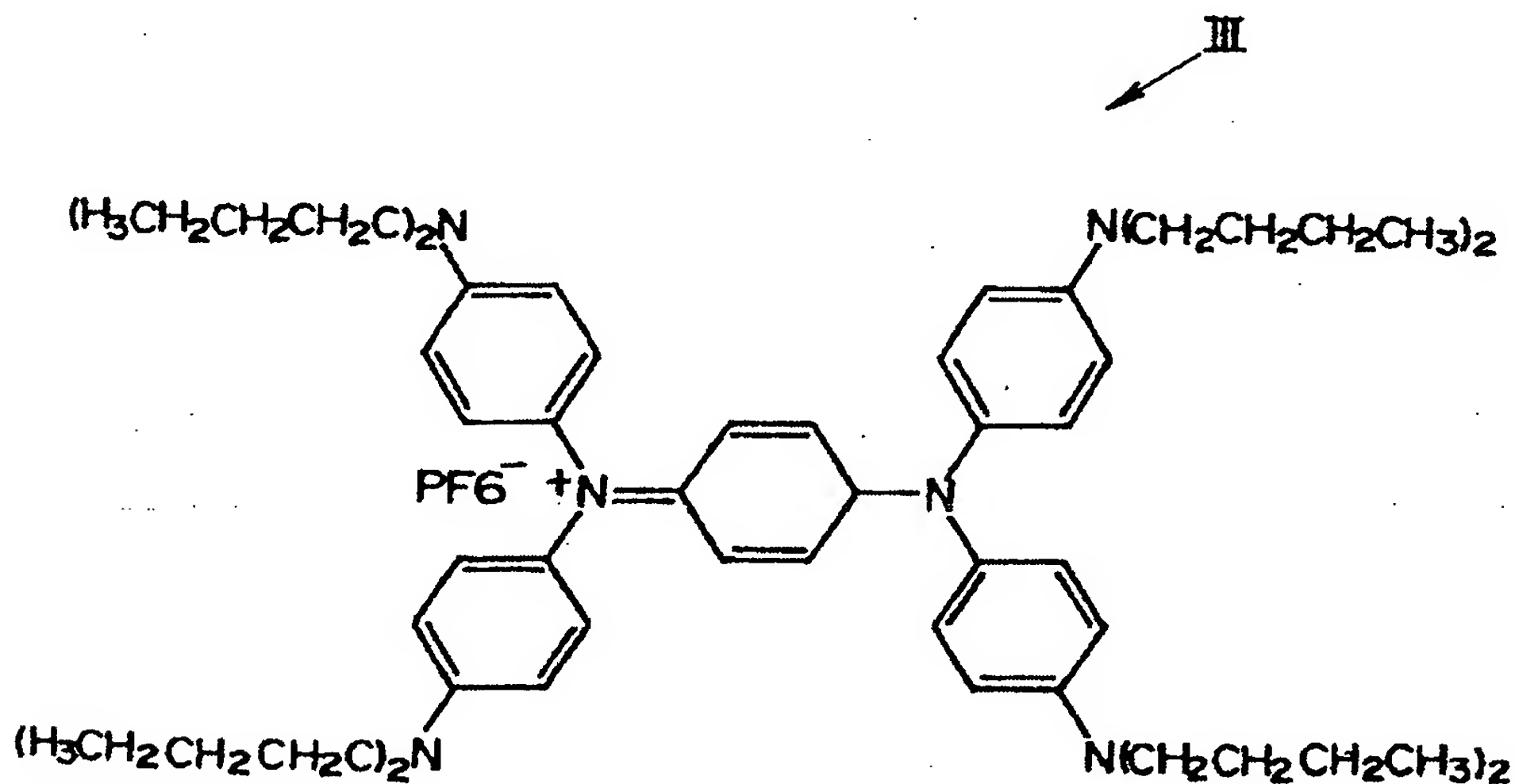


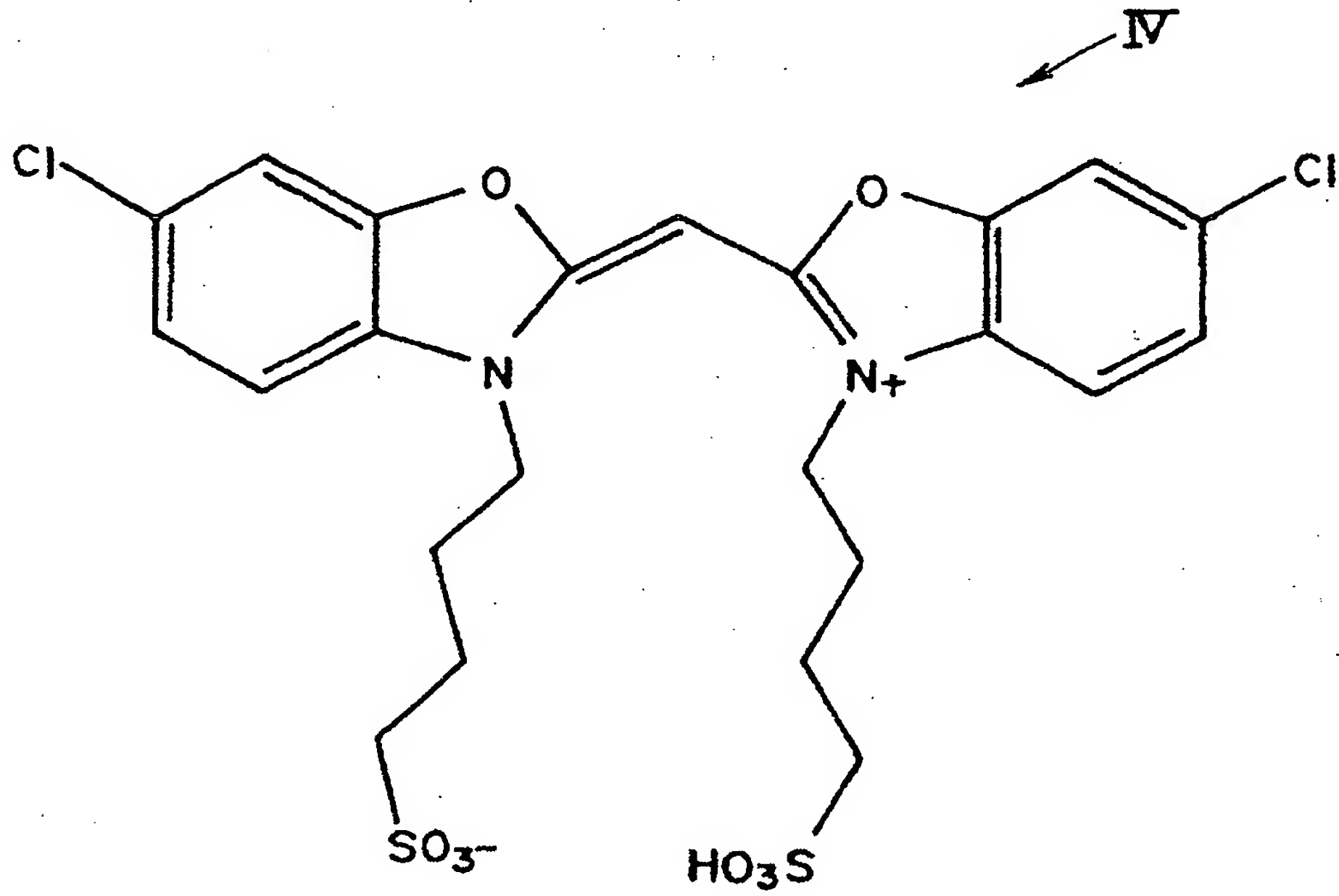
Figure 8

Table 2

|         | Recording sensitivity(1x) / mw | 8T C/N dB | 2T C/N dB |
|---------|--------------------------------|-----------|-----------|
| I + III | 8.0mW                          | 56        | 36.5      |
| II      | 12.5mW                         | 54        | 28.2      |

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Figure 9



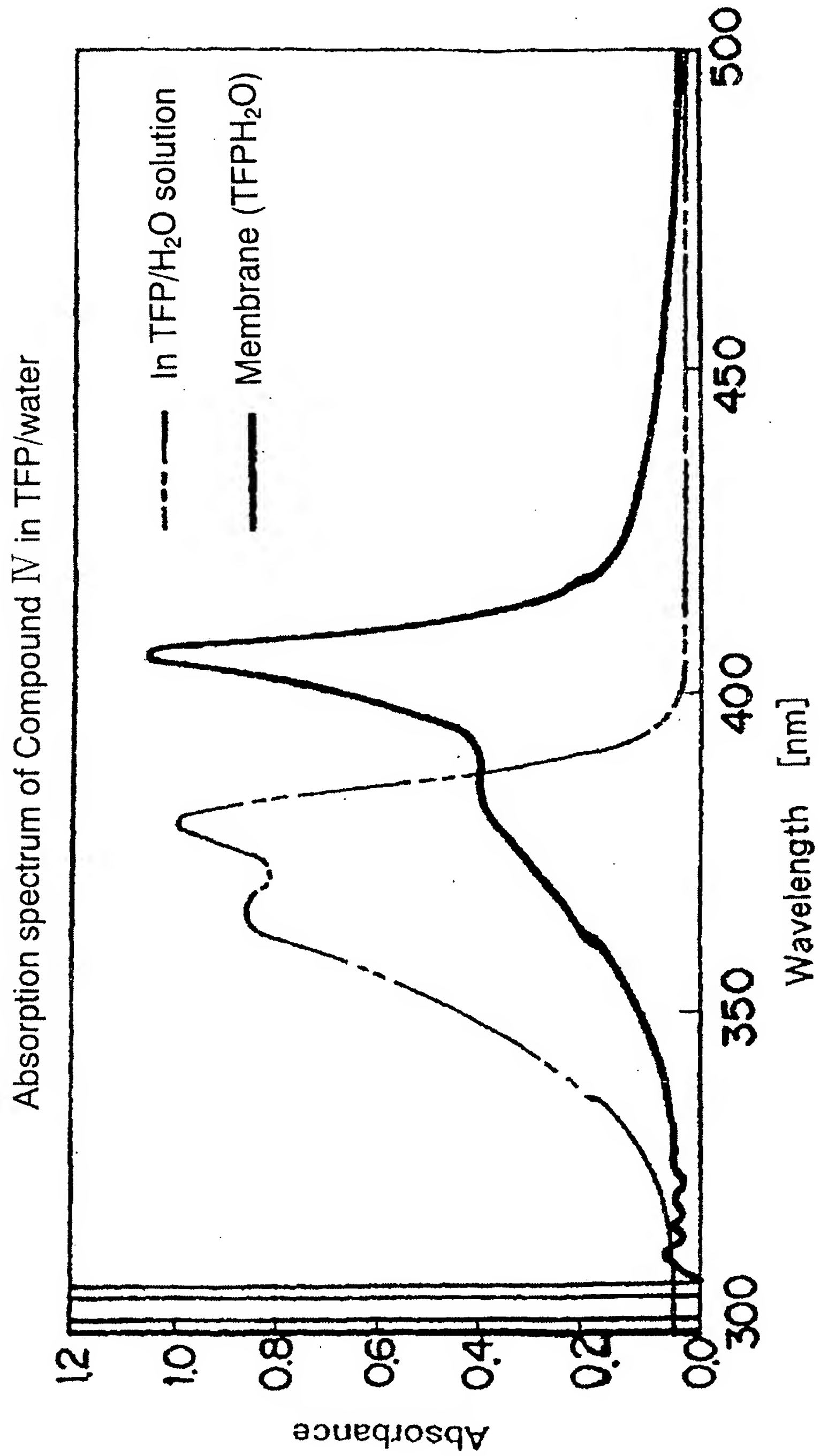
5

10

15

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Figure 10



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Figure 11

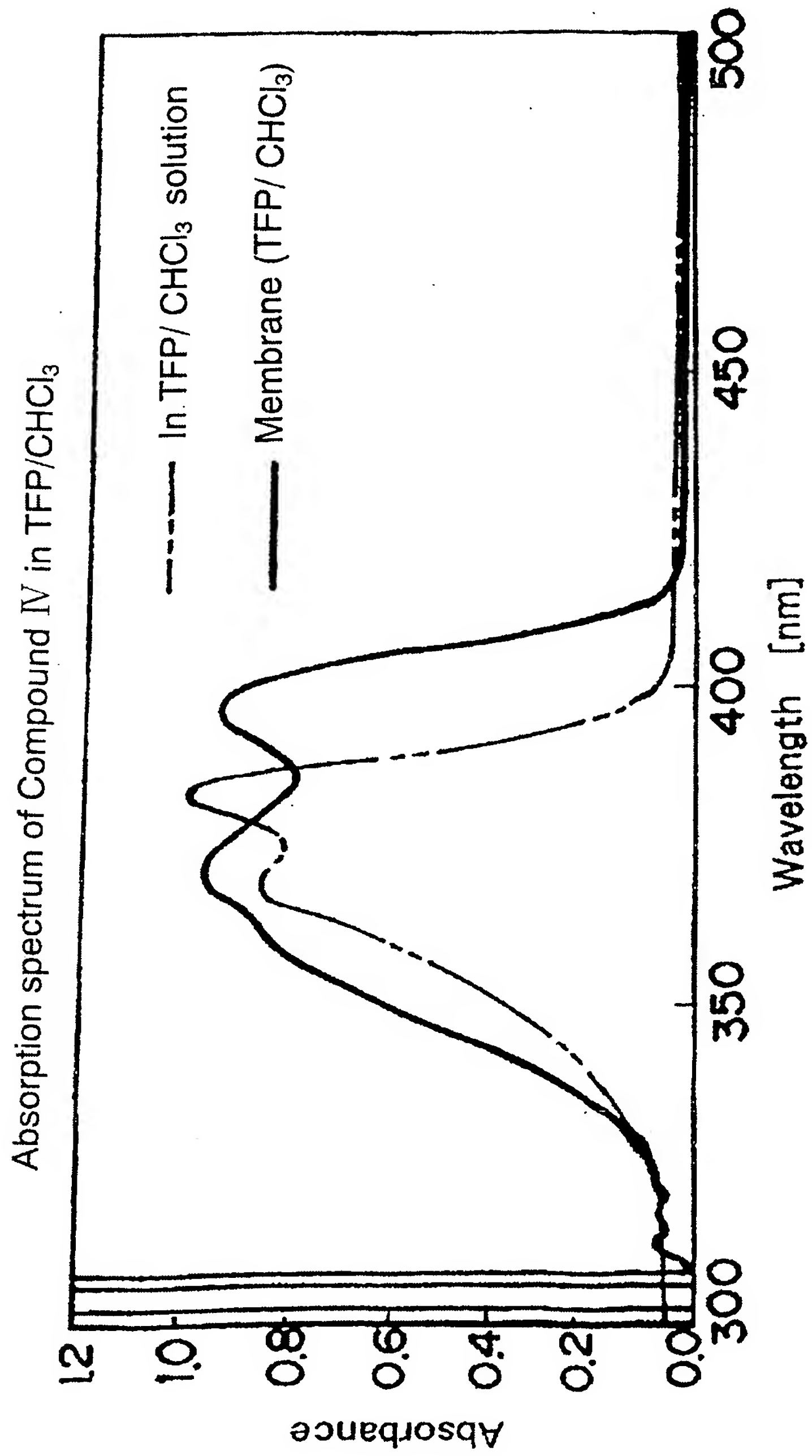
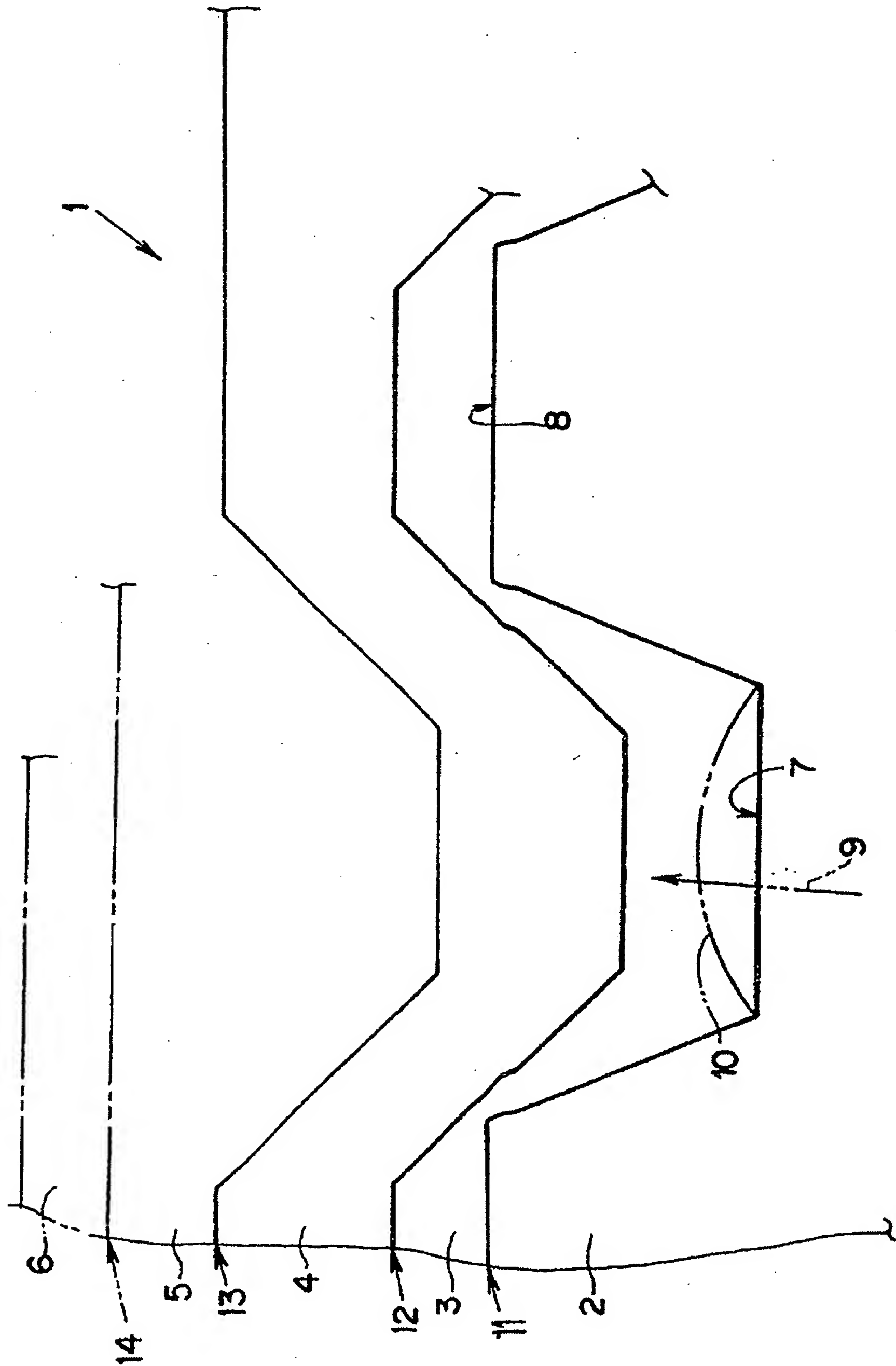


Figure 12





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Figure 13

